

# 云南唇柱苣苔属一新种\*

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## A NEW SPECIES OF *CHIRITA* (GESNERIACEAE) FROM YUNNAN, CHINA

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**Key words** *Chirita*; *C. puerensis*

**关键词** 唇柱苣苔属; 普洱唇柱苣苔

### 普洱唇柱苣苔 新种 图 1

*Chirita puerensis* Y. Y. Qian, sp. nov. (Sect. *Chirita*, Subsect. *Chirita*, Ser. *Chirita*)

Species affinis *C. anachoretiae* Hance, sed foliorum laminis apice obtusis, bracteis ovato-rotundis vel subreniformibus, 1~1.8 cm longis, 1.2~2.7 cm latis, calycis lobo postico uno deinde ad basin partito differt.

Herba annua. Caulis 10~30 cm longus, 1~3-nodis, simplex, raro ramificans, glaber vel sparse puberulus. Folia basalia 1~2, per anthesin putrida, raro non putrida, caulina opposita; laminae tenuiter herbaceae, ovatae vel ellipticae, 1.7~14.5 cm longae, 1.2~7.5 cm latae, apice obtusae, raro acutae vel breviter acuminatae, basi obliquae, rotundatae, subcordatae vel late cuneatae, margine serratae vel duplicato-serratae, supra inter nervos laterales dense vel sparse puberulae, subtus puberulae vel glabriusculae, nervis lateralibus 4~8-jugatis, supra sparse puberulis, subtus dense vel sparse puberulis; petioli 1.5~9.5 cm longi, sparse puberuli. Cymae axillares, (2~) 3~7-florae; bractee ovato-rotundae vel subreniformes, 1~1.8 cm longae 1.2~2.7 cm latae, sparse ciliatae; pedunculi 3~8 cm longi, cum pedicellis glabri vel sparse puberuli; pedicelli 0.4~1 cm longi. Calyx albus, 1.5~2 cm longus, extra glaber, lobo postico uno deinde ad basin partito, delapso, lobis 4 ceteris triangularibus, 4~7 mm longis, apice corniculatis, cornibus recurvis sparse pilosis, haud ciliatis. Corolla alba, infundibularis, 3.5~5 cm longa, glabra, tubo 2~3.3 cm longo, ore 1~1.3 cm diam, intra postice superne 2-appendiculato (appendicibus stigma et antheras cingentibus), antice superne 2-luteo-maculato, labio postico 5~9 mm longo, labio antico 10~14 mm longo. Capsulae line-

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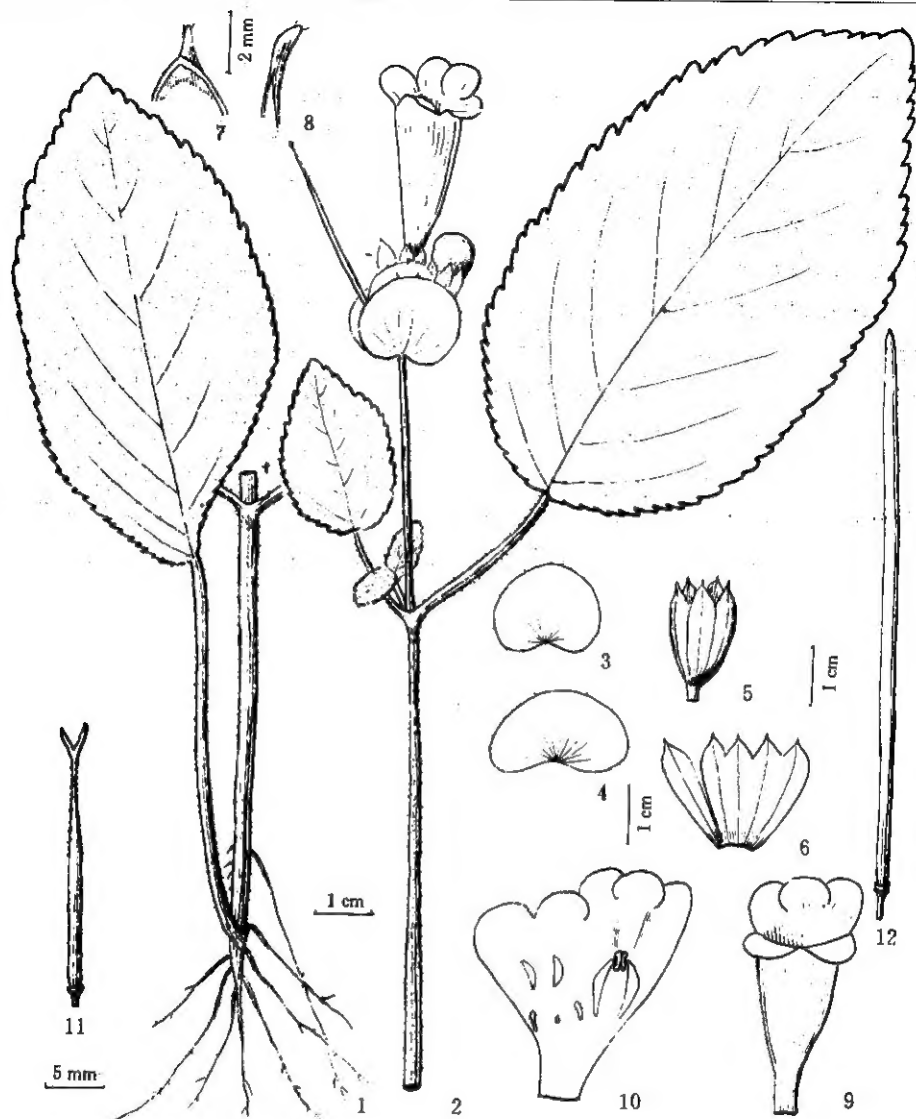


图1 普洱唇柱苣苔 1. 植株下部, 示基生叶; 2. 植株上部, 示花序; 3, 4. 苞片; 5. 花萼; 6. 花萼展开; 7. 花萼顶端, 正面观; 8. 花萼顶端, 侧面观; 9. 花冠; 10. 花冠展开; 11. 花盘及雌蕊; 12. 花盘及蒴果。

Fig. 1 *Chirita puerensis* 1. lower part of plant, showing basal leaf; 2. upper part of plant, showing inflorescence; 3, 4. bracts; 5. calyx; 6. calyx opened up; 7. apex of calyx, front view; 8. apex of calyx, lateral view; 9. corolla; 10. corolla opened up; 11. disc and pistil; 12. disc and capsule.

ares, 8~12 cm longa. Semina 0.5~0.6 mm longa.

**Yunnan (云南):** Puer (普洱), Tongxin (同心), alt. 1200~1400 m, in bushes on calcareous rocks, 1992-08-28, Y. Y. Qian 2635 (holotype, PE; isotypes, IBK, SMAO) 1465, 2330.

一年生草本。茎高 10~30 cm, 有 1~3 节, 不分枝, 稀分枝, 无毛或稀被微柔毛。基生叶 1~2 片, 在花期腐烂, 稀不腐烂, 茎生叶对生; 叶片薄草质, 卵形或椭圆形, 长 1.7~14.5 cm, 宽 1.2~7.5 cm, 顶端钝, 稀急尖或短渐尖, 基部斜, 圆形, 浅心形或宽楔形, 边缘具锯齿或重锯齿, 上面在侧脉间密被或稀被微柔毛, 下面侧脉间被微柔毛或近无毛; 侧脉 4~8 对, 上面稀被微柔毛, 下面密被或疏被微柔毛; 叶柄长 1.5~9.5 cm, 稀被微柔毛。聚

伞花序腋生,有(2~)3~7朵花;苞片对生,卵圆形或近肾形,长1~1.8 cm,宽1.2~2.7 cm,有疏缘毛;花序梗长3~8 cm,与花梗均无毛或稀被微柔毛;花梗长0.4~1 cm。花萼白色,长1.5~2 cm,外面无毛,上方1裂片裂至基部,易脱落,其余4裂片裂至1/3~1/4,三角形,长4~7 mm,顶端角状,角向外弯,稀被疏柔毛,无缘毛。花冠白色,漏斗形,长3.5~5 cm,无毛;筒长2~3.3 cm,口部直径1~1.3 cm,内面后方上部具2附属物(在柱头和花药两侧包围着),前方上部具2条黄斑,上唇长5~9 mm,下唇长10~14 mm。雄蕊2,花丝着生于距花冠基部14~18 mm处,长10~12 mm,中部变宽并稍膝状弯曲,上部稀被腺毛,花药长2.9~3.2 mm,无毛。退化雄蕊3或2,侧生者长3.5~4.5 mm,被疏柔毛。花盘环状,高0.3~0.5 mm。雌蕊长2.5~3.5 cm,子房上部被微柔毛,花柱被微柔毛和腺毛,柱头长3.5~3.7 mm,2深裂。蒴果线形,长8~12 cm,粗1.5~2 mm,无毛。种子长0.5~0.6 mm。

本种与光萼唇柱苣苔 *C. anachorela* Hance 相近,但叶片顶端钝,苞片卵圆形或近肾形,长1~1.8 cm,宽1.2~2.7 cm,花萼上方1裂片深裂至基部,易于区别。